

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTANXR1625

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 JUL 02 LMEDLINE coverage updated
NEWS 3 JUL 02 SCISEARCH enhanced with complete author names
NEWS 4 JUL 02 CHEMCATS accession numbers revised
NEWS 5 JUL 02 CA/Caplus enhanced with utility model patents from China
NEWS 6 JUL 16 CAplus enhanced with French and German abstracts
NEWS 7 JUL 18 CA/Caplus patent coverage enhanced
NEWS 8 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS 9 JUL 30 USGENE now available on STN
NEWS 10 AUG 06 CAS REGISTRY enhanced with new experimental property tags
NEWS 11 AUG 06 BEILSTEIN updated with new compounds
NEWS 12 AUG 06 FSTA enhanced with new thesaurus edition
NEWS 13 AUG 13 CA/Caplus enhanced with additional kind codes for granted patents
NEWS 14 AUG 20 CA/Caplus enhanced with CAS indexing in pre-1907 records
NEWS 15 AUG 27 Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS 16 AUG 27 USPATOLD now available on STN
NEWS 17 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data
NEWS 18 SEP 07 STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS 19 SEP 13 FORIS renamed to SOFIS
NEWS 20 SEP 13 INPADOCDB enhanced with monthly SDI frequency
NEWS 21 SEP 17 CA/Caplus enhanced with printed CA page images from 1967-1998
NEWS 22 SEP 17 CAplus coverage extended to include traditional medicine patents
NEWS 23 SEP 24 EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 24 OCT 02 CA/Caplus enhanced with pre-1907 records from Chemisches Zentralblatt

NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation

of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 07:04:45 ON 11 OCT 2007

=> file reg
COST IN U.S. DOLLARS

| | SINCE FILE
ENTRY | TOTAL
SESSION |
|---------------------|---------------------|------------------|
| FULL ESTIMATED COST | 0.21 | 0.21 |

FILE 'REGISTRY' ENTERED AT 07:04:58 ON 11 OCT 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 10 OCT 2007 HIGHEST RN 950149-06-11
DICTIONARY FILE UPDATES: 10 OCT 2007 HIGHEST RN 950149-06-11

New CAS Information Use Policies, enter HELP USAGETERMS for details.

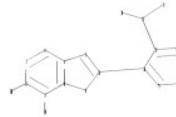
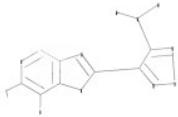
TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stnqen/stndoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10574652.str



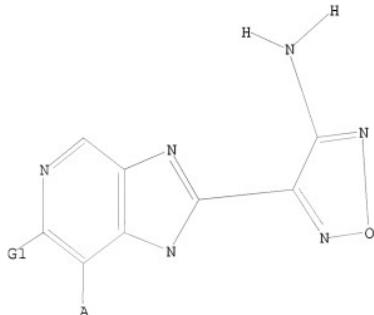
```
chain nodes :  
16 17 18 19 20  
ring nodes :  
1 2 3 4 5 6 7 8 9 10 11 12 13 14  
chain bonds :  
1-19 2-20 8-10 11-16 16-17 16-18  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-14 11-12 12-13 13-14  
  
exact/norm bonds :  
1-19 2-20 5-7 6-9 7-8 8-9 10-14 11-12 11-16  
exact bonds :  
8-10 10-11 12-13 13-14 16-17 16-18  
normalized bonds :  
1-2 1-6 2-3 3-4 4-5 5-6  
isolated ring systems :  
containing 1 : 10 :
```

G1:O,X

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 16:CLASS 17:CLASS 18:CLASS 19:CLASS
20:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 O,X

Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 07:05:19 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 22 TO ITERATE

100.0% PROCESSED 22 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 159 TO 721
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 07:05:23 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 580 TO ITERATE

100.0% PROCESSED 580 ITERATIONS 5 ANSWERS
SEARCH TIME: 00.00.01

L3 5 SEA SSS FUL L1

=> file caplus

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST | 172.10 | 172.31 |

FILE 'CAPLUS' ENTERED AT 07:05:28 ON 11 OCT 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 11 Oct 2007 VOL 147 ISS 16
FILE LAST UPDATED: 10 Oct 2007 (20071010/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

```
=> s 13 full
L4          1 L3

=> d ibib abs hitstr tot
```

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2005:346805 CAPLUS
 DOCUMENT NUMBER: 142:392411
 TITLE: Preparation of 1,6,7-trisubstituted azabenzimidazoles
 as Rho-kinase inhibitors
 INVENTOR(S): Lee, Dennis; Stavenger, Robert A.
 PATENT ASSIGNEE(S): Glaxo Group Limited, UK
 SOURCE: PCT Int. Appl., 28 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|------------|
| WO 2005034866 | A2 | 20050421 | WO 2004-US32909 | 20041006 |
| WO 2005034866 | A3 | 20050728 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG | | | | |
| EP 1670466 | A2 | 20060621 | EP 2004-794310 | 20041006 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR | | | | |
| JP 2007507549 | T | 20070329 | JP 2006-534285 | 20041006 |
| US 2007004771 | A1 | 20070104 | US 2006-574652 | 20060404 |
| PRIORITY APPLN. INFO.: | | | US 2003-509123P | P 20031006 |
| | | | WO 2004-US32909 | W 20041006 |

OTHER SOURCE(S): CASREACT 142:392411; MARPAT 142:392411
 GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention relates to a group of novel azabenzimidazoles I, which are inhibitors of Rho-kinases. In compds. I, R1 is H or C1-6 alkyl; R2 is halo or optionally substituted Ph, heteroaryl, or carboxamide; R3 is halo, (un)substituted C1-6 alkoxy, (un)substituted phenoxy, heteroaryloxy, or heterocyclyloxy. The invention also relates to the preparation of I, pharmaceutical compns. containing I as active ingredients, as well as to the use of the compns. for the treatment of disorders involving Rho-kinases. II, prepared by bromination of 3-nitro-4-pyridone followed by chlorination, was oxidized to the corresponding 2-pyridone, which was chlorinated and substituted with ethylamine to give III, which underwent substitution with 4-fluorophenol, reduction, and cyclization with cyanoacetic acid to form IV. Nitrous acid resulted in the transformation of IV into an oxime, which, upon heterocyclization with hydroxylamine, gave the aminofurazan-containing structure V. The compds. of the invention were tested for their inhibition of Rho-kinases (no data).

IT 850180-91-5P, (S)-4-[7-[(3-Amino-1-pyrrolidinyl)carbonyl]-1-ethyl-6-[(4-fluorophenyl)oxy]-1H-imidazo[4,5-c]pyridin-2-yl]furazan-3-amine
 850180-93-7P, 1,1-Dimethylethyl [3-{[2-(4-aminofurazan-3-yl)-7-

bromo-1-ethyl-1H-imidazo[4,5-c]pyridin-6-yl]oxy]phenyl]carbamate
850180-94-8P, N-[3-[(2-(4-Aminofuran-3-yl)-7-bromo-1-ethyl-1H-

imidazo[4,5-c]pyridin-6-yl]oxy]phenyl]acetamide

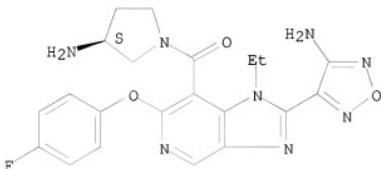
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of trisubstituted azabenzimidazoles as Rho-kinase inhibitors)

RN 850180-91-5 CAPPLUS

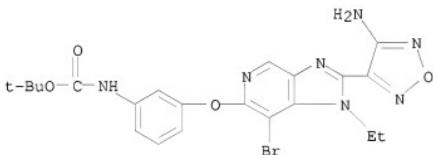
CN 3-Pyrrololidinamine, 1-[(2-(4-amino-1,2,5-oxadiazol-3-yl)-1-ethyl-6-(4-fluorophenoxy)-1H-imidazo[4,5-c]pyridin-7-yl]carbonyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



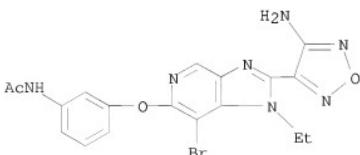
RN 850180-93-7 CAPPLUS

CN Carbamic acid, [3-[(2-(4-amino-1,2,5-oxadiazol-3-yl)-7-bromo-1-ethyl-1H-imidazo[4,5-c]pyridin-6-yl]oxy]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 850180-94-8 CAPPLUS

CN Acetanide, N-[3-[(2-(4-amino-1,2,5-oxadiazol-3-yl)-7-bromo-1-ethyl-1H-imidazo[4,5-c]pyridin-6-yl]oxy]phenyl]- (CA INDEX NAME)

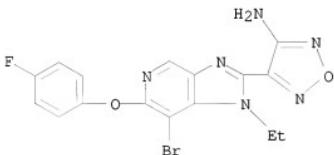


IT 850180-88-0P, 4-[7-Bromo-1-ethyl-6-[(4-fluorophenyl)oxy]-1H-imidazo[4,5-c]pyridin-2-yl]furazan-3-amine 850180-92-6P,

2-(4-Aminofurazan-3-yl)-1-ethyl-6-[(4-fluorophenyl)oxy]-1H-imidazo[4,5-c]pyridine-7-carboxylic acid
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; preparation of trisubstituted azabenzimidazoles as Rho-kinase inhibitors)

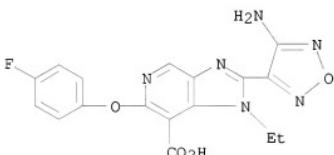
RN 850180-88-0 CAPLUS

CN 1,2,5-Oxadiazol-3-amine, 4-[7-bromo-1-ethyl-6-(4-fluorophenoxy)-1H-imidazo[4,5-c]pyridin-2-yl]- (CA INDEX NAME)



RN 850180-92-6 CAPLUS

CN 1H-Imidazo[4,5-c]pyridine-7-carboxylic acid, 2-(4-amino-1,2,5-oxadiazol-3-yl)-1-ethyl-6-(4-fluorophenoxy)- (CA INDEX NAME)



= ^ d his

(FILE 'HOME' ENTERED AT 07:04:45 ON 11 OCT 2007)

FILE 'REGISTRY' ENTERED AT 07:04:58 ON 11 OCT 2007
L1 STRUCTURE uploaded
L2 1 S L1
L3 5 S L1 FULL

L4 FILE 'CAPLUS' ENTERED AT 07:05:28 ON 11 OCT 2007
1 S L3 FULL

```

=> log y
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY        SESSION
FULL ESTIMATED COST          5.74          178.05

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE      TOTAL
                                                ENTRY        SESSION
CA SUBSCRIBER PRICE           -0.78          -0.78

```

STN INTERNATIONAL LOGOFF AT 07:05:57 ON 11 OCT 2007